

Information Storage and Processing Systems (ISPS) Division



Vision Statement

- To be the world's best professional society for engineering professionals related to the industry of Information Storage and Processing Systems.

Mission Statement

- ISPS Division is to provide a forum for Information Storage and Processing industry to disseminate latest technical development, and network engineering professionals in the field.

Membership Demographics

- Total No. of members (2009): 1691
 - No. of primary members: 232
 - No. of secondary members: 307
 - No. of other members: 1152
- ISPS Division has the following 4 committees:
 - Division Executive Committee
 - Conference Executive Committee
 - Award Committee
 - International Advisory Committee

Conference Performance

- 2005: ISPS'05 Conference at Santa Clara, CA., 147 paid attendees.
- 2006: ASME-ISPS/JSME-IIP MIPE Joint Conference, Santa Clara, CA, USA, 294 paid attendees
- 2007: ISPS'07 Conference at Santa Clara, CA., 118 paid attendees.
- 2008: ISPS'08 Conference at Santa Clara, CA., 121 paid attendees.
- 2009: JSME-IIP/ASME-ISPS MIPE Joint Conference, Tsukuba, Ibaraki, Japan.
- 2010: ISPS-2010 Conference at Santa Clara, CA.

Publication Activities

- Bound volumes: extended abstracts of each ISPS and MIPE conference
- Journals: Closely working with Springer Journal of Microsystem Technologies
- Newsletter: Annual newsletter to ISPS members



Student Involvement

- ISPS Division initiated graduate fellowship and scholarship programs in 2004 as a result of its healthy financial status.
- ISPS Division offers:
 - Two Fellowships (cash award and free conference registration) for students to attend ISPS Symposiums
 - Six graduate scholarships to waive student's conference registration fee.
 - One Best Student Conference Paper Award



Graduate student at Carnegie Mellon University is installing a magnetic disk on spin stand

Industry Participation

- More than half of the papers in ISPS conferences have an author from the storage industry
- More than half of the attendees of ISPS conferences are from the industry
- Industry researchers participate in committees of ISPS Division
- Companies have donated fellowship to sponsors ISPS conferences.



Roles in Globalization

- ASME-ISPS Division and JSME-IIP Division are the two most prestigious professional societies in this industry. ISPS is collaborating with IIP for joint conferences.
- More than 60% of the participants of ISPS conferences are from overseas.



ASME-ISPS / JSME-IIP
MIPE 2009
Tsukuba, Ibaraki, Japan



Honors & Awards

- Best Paper Awards in ISPS Conferences to encourage university-industry collaborations:
 - One Best Track Paper Award for each technical track
 - Best Academic Paper, Best Industry Paper, and Best Industry-Academic Paper Awards
- ISPS Division also honors individuals for their contributions in the field and service to the division.
- ISPS Division honors data storage community by sponsoring establishment of Magnetic Disk Heritage Center at San Jose, California.